

Supplementary table 2: AKR1A1 interactome in mouse kidney by IP-MS.

Protein Hit order in MS	Accession UniProtKB	Description	Symbol
1	Q9JII6	Alcohol dehydrogenase [NADP+]	Akr1a4
2	Q03265	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, alpha subunit 1	Atp5a1
3	P53395	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial	Dbt
4	Q91Y97	Fructose-bisphosphate aldolase B	Aldob
5	Q8BWT1	3-ketoacyl-CoA thiolase, mitochondrial	Acaa2
6	Q05920	Pyruvate carboxylase, mitochondrial	Pcx
7	P54071	Isocitrate dehydrogenase [NADP], mitochondrial	Idh2
8	Q920A7	Isoform 1 of AFG3-like protein 1	Afg3l1
9	Q9DBM2	Peroxisomal bifunctional enzyme	Ehhadh
10	Q8BFR5	Isoform 1 of Elongation factor Tu, mitochondrial	Tufm
11	Q3U7K7	Tripartite motif protein 21	Trim21
12	Q9DBG3	Isoform 1 of AP-2 complex subunit beta	Ap2b1
13	P17182	Gm4735 Alpha-enolase	Eno1
14	Q8BGG7	Isoform 1 of Ubiquitin-associated and SH3 domain-containing protein B	Ubash3b
15	Q8VDN2	Sodium/potassium-transporting ATPase subunit alpha-1	Atp1a1
16	Q9R112	Sulfide:quinone oxidoreductase, mitochondrial	Sqrdl
17	O70133	Isoform 3 of ATP-dependent RNA helicase A	Dhx9
18	Q8K0L3	Isoform 1 of Acyl-coenzyme A synthetase ACSM2, mitochondrial	Acsm2
19	P14869	60S acidic ribosomal protein P0	Rplp0
20	P14152	Malate dehydrogenase, cytoplasmic	Mdh1
21	Q61656	Probable ATP-dependent RNA helicase DDX5	Ddx5
22	Q9WVM8	Kynurenine/alpha-aminoadipate aminotransferase, mitochondrial	Aadat
23	Q02105	complement component 1, q subcomponent, C chain precursor	C1qc
24	P52480	Isoform M2 of Pyruvate kinase isozymes M1/M2	Pkm2
25	Q8BGG7	Ubiquitin-associated and SH3 domain-containing protein B	Ubash3b
26	Q8CH25	Isoform 2 of SAFB-like transcription modulator	Sltm
27	Q8CFG8	Complement C1s-B subcomponent	Gm5077
28	P57016	Ladinin-1	Lad1
29	Q8CG16	Complement C1r-A subcomponent	C1ra
30	P17427	AP-2 complex subunit alpha-2	Ap2a2
31	P10126	Elongation factor 1-alpha 1	Eef1a1
32	P60229	Eukaryotic translation initiation factor 3 subunit E	Eif3e
33	P35700	Peroxisomal oxidoreductin 1	Prdx1
34	Q8CG76	flatoxin B1 aldehyde reductase member 2	Akr7a5A
35	O88844	Isocitrate dehydrogenase [NADP] cytoplasmic	Idh1
36	P03995	Isoform 2 of Glial fibrillary acidic protein	Gfap
37	Q9QXD6	Fructose-1,6-bisphosphatase 1	Fbp1